

ABSTRACT

A medical device or component thereof, and particularly intracorporeal devices for therapeutic or diagnostic uses, formed at least in part of a copolymer having a hard block and a polylactone soft block. In a presently preferred embodiment, the hard block of the copolymer is a polyester, and more specifically, the copolymer comprises a di-block copolymer of poly(ethylene terephthalate) and polycaprolactone. The copolymer is suitable for forming a variety of medical devices or medical device components, and is preferably used to form a catheter balloon, such as a balloon for an angioplasty or stent delivery catheter. However, a variety of medical devices or medical device components can be formed of the copolymer, including stent covers, vascular grafts, and shaft components.

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